

Description:

Forest Utilization Research

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Forest Nursery Research/Teaching/Service.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1998	1999	2000	2001
3	4	4	4
Projected Results			
2002	2003	2004	2005
3	3	3	4

B. Conduct at least thirty workshops and/or demonstration tours annually.

Actual Results			
1998	1999	2000	2001
32	50	55	65
Projected Results			
2002	2003	2004	2005
60	60	70	65

C. Provide assistance to Idaho land owners regarding species selection, site preparation and planting practices (110 contacts per month).

Actual Results			
1998	1999	2000	2001
1,140	1,600	1,800	2,000
Projected Results			
2002	2003	2004	2005
2,000	2,000	2,100	2,100

2. Seeding Industry Research.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1998	1999	2000	2001
1	2	3	3
Projected Results			
2002	2003	2004	2005
2	2	2	3

B. Conduct at least twelve demonstration tours of the micropropagation unit.

Actual Results			
1998	1999	2000	2001
15	15	16	18
Projected Results			
2002	2003	2004	2005
18	18	18	16

C. Produce at least two publications per year.

Actual Results			
1998	1999	2000	2001
2	8	8	8
Projected Results			
2002	2003	2004	2005
10	10	10	10

Educ - Special Programs

Forest Utilization Research

3. Experimental Forest-Research/Teaching/Science.

A. Secure at least one new research project each year to match state funded project.

Actual Results			
1998	1999	2000	2001
0	1	2	2
Projected Results			
2002	2003	2004	2005
2	2	2	2

B. Conduct at least twelve workshops and/or demonstration trips annually.

Actual Results			
1998	1999	2000	2001
12	12	12	12
Projected Results			
2002	2003	2004	2005
12	12	12	12

C. Produce at least one publication per year.

Actual Results			
1998	1999	2000	2001
1	2	2	2
Projected Results			
2002	2003	2004	2005
2	2	2	2

4. Policy Analysis Group.

A. Produce at least ten briefs, reports and/or publications per year.

Actual Results			
1998	1999	2000	2001
10	22	11	19
Projected Results			
2002	2003	2004	2005
10	10	10	10

B. Participate in at least twelve invited presentations per year.

Actual Results			
1998	1999	2000	2001
12	15	13	16
Projected Results			
2002	2003	2004	2005
12	12	12	12

Program Results and Effect:

The ultimate effect of this program is to increase the productivity of Idaho's forest by conceiving, analyzing, and developing methodologies that:

- 1) Improve intensive forest harvesting practices.
- 2) Improve and increase wood use and wood residue utilization technologies.
- 3) Improve forest regeneration and forest nursery management practices.
- 4) Demonstrate state-of-the-art scientifically, socially, and environmentally sound forest nursery, forest regeneration, and forest management practices.
- 5) Provide through the Policy Analysis Group unbiased, factual, and timely information on natural resources issues facing Idaho's decision makers.

The research development and demonstration programs outlined above make extensive use of the College's Forest Nursery and 7,400 acre Experimental Forest.

For more information contact Richard Bottger at 885-6443.

Educ - Special Programs

Idaho Geological Survey

Description:

The Idaho Geological Survey is the lead state agency for the collection, collation, and dissemination of all geologic and mineral based data for Idaho. It accomplishes this mission by applied research and through public service. The main office is located at the University of Idaho. Branch offices are located at Boise State University and Idaho State University.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Research and public service.

A. Number of IGS publications/other publications/abstracts.

Actual Results			
1998	1999	2000	2001
55	87	54	144
Projected Results			
2002	2003	2004	2005
85	85	85	85

B. Number of presentations.

Actual Results			
1998	1999	2000	2001
124	137	217	224
Projected Results			
2002	2003	2004	2005
176	176	176	176

C. Grants and contracts.

Actual Results			
1998	1999	2000	2001
\$663,442	\$562,999	\$494,690	\$429,794
Projected Results			
2002	2003	2004	2005
\$330,329	\$330,329	\$330,329	\$330,329

Program Results and Effect:

ENABLING ACT AND MISSION:

The Idaho Geological Survey (IGS) is enabled under State Statute (section 47-201 to 47-204). The IGS is a special program at the University of Idaho with a formal advisory board and a statewide mission as the lead agency for collecting and disseminating geologic and mineral data. In addition to its main office in Moscow, the IGS has branch offices in Boise at Boise State University and in Pocatello at Idaho State University. Our staff of geologists conduct applied research with a strong emphasis on producing geologic maps and providing technical and general information to the public about Idaho geology.

PUBLICATIONS, INQUIRIES, AND SALES:

The IGS publishes a variety of maps, books, and articles available to the public and itemized in an annually updated Publication List that includes over 500 publications produced by the Survey since 1919. Publication sales for FY 2001 totaled \$32,157. In addition to the staff handling an average of about 60 public inquiries each day, the IGS geologists make many presentations and reports throughout the year.

GEOLOGICAL MAPPING AND RELATED RESEARCH:

Central to the IGS applied research is geologic mapping and related topical studies that together form the technical content of digital geologic maps, databases, reports, and publications.

Urban geologic mapping:

Since 1985 the IGS has been conducting detailed geologic mapping in selected urban and urbanizing areas of Idaho. The program was initiated in the Boise Valley. Since then, additional funding through a cooperative agreement with the United States Geological Survey allowed the IGS to expand into Pocatello, Twin Falls, Moscow, Lewiston, the greater Coeur d'Alene area, and the Sun Valley Corridor. The resulting digital geologic maps and databases are in GIS format and are readily usable by local jurisdictions. The colored geologic maps are also for sale.

Regional geologic mapping:

The IGS sets priorities, as funds become available, for geologic mapping in the large areas of Idaho that have never been studied in detail. Results of new geologic studies are digitized and compiled into a statewide database. Previously mapped geology is systematically added to the database.

Hydrogeology:

In selected areas of Idaho, like Pocatello, Boise, Lewiston, and Coeur d'Alene, the IGS works in cooperation with other agencies and university programs to develop better understandings of the geologic controls on recharge, flow, and transport of ground water, and to provide technical information for groundwater protection.

DIGITAL GEOLOGIC MAPS:

The IGS digital mapping and GIS laboratory performs services ranging from digital cartography to spatial data management. The lab uses computer aided design and GIS software to produce new maps for publication and to fashion existing geologic maps into digital map compilations. Since 1998, the IGS plots on demand full color geologic maps, thus reducing storage, inventory, and printing costs.

DATABASES, BIBLIOGRAPHIES, AND COLLECTIONS:

Most of the digital geologic maps are also available as GIS databases. Other databases include Mines and Prospects with data on more than 8,300 Idaho mines, and the state's earthquake database and earthquake observatory. Information about the IGS digital geologic databases and Idaho earthquake information is available on the agency's website at idahogeology.org. The IGS has published several technical bibliographies and has compiled an electronic bibliography on Idaho geology. Many of the references are available in special IGS collections at the Moscow Office and include documents on Idaho geology nowhere else available.

GEOLOGIC HAZARDS:

The IGS cooperates with the Idaho Bureau of Disaster Services, both formally and informally to mitigate, respond, and recover from the impacts of floods, landslides, and earthquakes, and to provide technical

Educ - Special Programs

Idaho Geological Survey

analysis in times of natural disasters. The IGS played a significant role in the flood, landslide, and fire disaster declarations for 1996 to 2000. The IGS also sponsors educational workshops featuring natural hazard mitigation. The IGS is currently coordinating an earthquake shaking hazards study of the Boise area.

MINES AND THE GEOLOGY OF MINES:

The IGS maintains a working knowledge of the geology of all mines in Idaho. Annually, information on and statistics for Idaho mining are collected and published. The IGS cooperates with the United States Geological Survey in collecting and interpreting mineral statistics and mining data. Abandoned and inactive mines in Idaho are being evaluated and inventoried by the IGS in cooperation with the Idaho Department of Lands, the U.S Bureau of Land Management, the U.S. Forest Service, and the U.S Environmental Protection Agency. The results identify physical as well as environmental hazards, and record each mine's history for future analysis and remediation.

SUPPORT FOR EARTH SCIENCE EDUCATION:

The IGS, the geosciences in general, and the minerals industry recognize the need to educate the public in matters concerning geology and mineral resources. The IGS staff supports geologic education efforts of public and private agencies, professional organizations, school classes, hobbyists, local clubs, and youth groups. Through the IGS website outreach and close working relationships with the geology departments at the three state universities, Survey geologists make their expertise available the public, students, teachers, and other scientists by participating in seminars, field trips, and workshops, by teaching selected upper-division courses, and by directing graduate student research. On the elementary and secondary school level, the IGS is primarily engaged with promoting earth science education with the state's teachers through the Idaho Earth Science Teachers' Association, and by conducting field workshops around the State so that teachers can observe the methods and science of geology in Idaho's own outdoor laboratory.

For more information contact Earl Bennett at 885-7992.

Description:

The mission of the Idaho Museum of Natural History is to acquire, preserve, study, interpret and display objects relating to the natural history of Idaho and the Northern Intermountain West for research and education. The Museum seeks to enhance in the citizens of Idaho and visitors an understanding of and delight in Idaho's natural and cultural heritage. Specific areas of interest encompass the anthropology, botany, geology, paleontology and zoology of Idaho and the Northern Intermountain West. The audiences served include citizens of Idaho, visitors and the national and international community of students and scholars. Information is disseminated through exhibitions, public and professional presentations, publications, formal and informal education, telecommunications and other interpretive programs.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. To collect and provide professional care for the collections and records, including growth of the collections.

A. Number of artifacts and specimens with associated documentation,

Actual Results			
1998	1999	2000	2001
342,000	345,000	350,000	365,000
Projected Results			
2002	2003	2004	2005
400,000	400,000	400,000	400,000

B. Percent of objects cataloged on computer.

Actual Results			
1998	1999	2000	2001
50%	60%	70%	80%
Projected Results			
2002	2003	2004	2005
90%	95%	95%	95%

C. Number of collection-related grants/contracts.

Actual Results			
1998	1999	2000	2001
7	4	3	3
Projected Results			
2002	2003	2004	2005
6	6	5	5

2. To conduct, facilitate, and promote research.

A. Number of research-related grants/contracts.

Actual Results			
1998	1999	2000	2001
4	2	5	11
Projected Results			
2002	2003	2004	2005
5	5	4	3

B. Number of requests, loans, and visits by outside researchers.

Actual Results			
1998	1999	2000	2001
51	58	68	92
Projected Results			
2002	2003	2004	2005
90	90	90	90

Educ - Special Programs

Museum of Natural History

C. Number of juried papers in the museum journal, Tebiwa, and Occasional Papers series.

Actual Results			
1998	1999	2000	2001
7	6	9	7
Projected Results			
2002	2003	2004	2005
10	8	8	7

3. To provide and expand educational experiences and interpretive programs for better understanding and appreciation of the region's natural and cultural heritage.

A. Increase number of visitors to museum exhibits.

Actual Results			
1998	1999	2000	2001
25,000	27,000	29,000	29,750
Projected Results			
2002	2003	2004	2005
33,100	33,100	33,100	33,000

B. Present new exhibits each year.

Actual Results			
1998	1999	2000	2001
3	3	5	3
Projected Results			
2002	2003	2004	2005
5	4	4	4

C. Host school children annually.

Actual Results			
1998	1999	2000	2001
9,573	10,254	10,617	8,691
Projected Results			
2002	2003	2004	2005
15,000	13,000	13,000	12,000

D. Number of children's classes / Number of children participating.

Actual Results			
1998	1999	2000	2001
58/580	47/461	66/611	56/472
Projected Results			
2002	2003	2004	2005
60/600	60/600	60/600	60/600

E. Number of outreach visits / Number of children reached.

Actual Results			
1998	1999	2000	2001
36/2,537	50/2,865	55/2,589	43/2,735
Projected Results			
2002	2003	2004	2005
42/2,750	42/2,750	45/2700	45/2700

F. Number of undergraduate hours / Number of graduate hours.

Actual Results			
1998	1999	2000	2001
37/300	30/300	17/300	30/300
Projected Results			
2002	2003	2004	2005
30/300	30/300	25/250	

G. Number of public lectures, workshops and field study programs / Number of adult participating.
(These are now reported elsewhere and do not appear here to avoid double counting.)

Actual Results			
1998	1999	2000	2001
80/4,600	20/575	23/600	0
Projected Results			
2002	2003	2004	2005
0	0	0	

Program Results and Effect:

The Idaho Museum of Natural History has been accredited by the American Association of Museums. Accreditation by the AAM signifies that the museum meets the rigorous standards of the profession. By achieving the performance standards, the museum benefits from greater visibility within the museum profession, among other scientific institutions, and with the citizens of Idaho. Consistent high-quality public programs will fulfill the museum's mission as the state museum of natural history.

For more information contact Dr. Ernest Lohse at 282-5189.

Educ - Special Programs

Small Business Development Centers

Description:

The ISBDC provides direct consulting and training services to individual small businesses in Idaho through a sustained and increasingly effective higher education network.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Counseling interested parties in the area of Small Business.

A. Assist 1,600 clients.

Actual Results			
1998	1999	2000	2001
1,606	1,680	1,681	1,682
Projected Results			
2002	2003	2004	2005
1,683	1,684	1,684	

B. Provide 14,500 consulting hours.

Actual Results			
1998	1999	2000	2001
16,491	18,220	16,250	16,250
Projected Results			
2002	2003	2004	2005
16,251	16,252	16,252	

C. Assist 100 women.

Actual Results			
1998	1999	2000	2001
627	608	609	610
Projected Results			
2002	2003	2004	2005
611	612	612	

D. Assist 100 veterans.

Actual Results			
1998	1999	2000	2001
135	221	130	130
Projected Results			
2002	2003	2004	2005
130	130	130	

E. Assist 400 rural clients.

Actual Results			
1998	1999	2000	2001
525	581	500	500
Projected Results			
2002	2003	2004	2005
500	500	500	

F. Provide 825 clients with an average of 15 hours of service.

Actual Results			
1998	1999	2000	2001
830	857	870	870
Projected Results			
2002	2003	2004	2005
870	870	870	

Educ - Special Programs
Small Business Development Centers

2. Training interested parties in the area of Small Business.

A. Provide 147 training events.

Actual Results			
1998	1999	2000	2001
148	188	160	160
Projected Results			
2002	2003	2004	2005
160	160	160	

B. Provide 15,000 training hours.

Actual Results			
1998	1999	2000	2001
18,540	15,951	15,000	15,000
Projected Results			
2002	2003	2004	2005
15,000	15,000	15,000	

C. Assist 1,765 attendees.

Actual Results			
1998	1999	2000	2001
2,542	2,344	2,300	2,300
Projected Results			
2002	2003	2004	2005
2,300	2,300	2,300	

3. Conduct research for interested parties in the area of Small Business.

A. Assist 4,000 inquiries and referrals.

Actual Results			
1998	1999	2000	2001
5,234	5,117	5,200	5,200
Projected Results			
2002	2003	2004	2005
5,200	5,200	5,200	

B. Provide six specialized publications and directories.

Actual Results			
1998	1999	2000	2001
12	12	12	12
Projected Results			
2002	2003	2004	2005
12	12	12	

C. Assist in 150 business data base inquiries.

Actual Results			
1998	1999	2000	2001
225	188	226	226
Projected Results			
2002	2003	2004	2005
226	226	226	

Educ - Special Programs

Small Business Development Centers

4. TechHelp: Meeting the needs of Idaho's manufacturers.

A. Provide 130 new projects.

Actual Results			
1998	1999	2000	2001
		111	135
Projected Results			
2002	2003	2004	2005
139	143	143	

B. 25% repeat customers.

Actual Results			
1998	1999	2000	2001
		25	25
Projected Results			
2002	2003	2004	2005
25	25	25	

C. 70 new contacts.

Actual Results			
1998	1999	2000	2001
		113	70
Projected Results			
2002	2003	2004	2005
77	85	85	

D. Customer satisfaction exceeds 4 on a 5 point scale.

Actual Results			
1998	1999	2000	2001
		4.73	4.0
Projected Results			
2002	2003	2004	2005
4.0	4.0	4.0	

E. Provide 4,000 consulting hours.

Actual Results			
1998	1999	2000	2001
		4,592	4,200
Projected Results			
2002	2003	2004	2005
4,410	4,630	4,630	

Program Results and Effect:

The ISBDC is a result of a cooperative agreement between the US Small Business Administration and Boise State University. We provide quality counseling and training to parties interested in pursuing a small business. We provide affordable services to our client and operate in a cost effective manner.

The ultimate effect of this program is the success our clients achieve after they have participated in our program. Many new jobs have been created as a direct result of these successes.

For more information contact Jim Hogge at 426-3799.

Educ - Special Programs
Idaho Council on Economic Education

Description:

The stated mission of the Council is to provide economics education and training in the utilization of certain programs from the Council for teachers K-12. The specific funds provided by the referenced appropriation are dedicated to the field representative positions at the Centers for Economic Education at three state universities to enhance their outreach capabilities for the convenience of teachers and their students.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Meet with district and/or school administrators, curriculum coordinators and/or designated teachers periodically in their assigned regions.

A. Meet on-site at least once each semester or as required.

Actual Results			
1998	1999	2000	2001
Met & exceeded	Met standards	Met standards	Maintain standards
Projected Results			
2002	2003	2004	2005
Maintain standards	Maintain standards	Maintain standards	Maintain standards

2. Schedule and conduct appropriate training programs as necessary to meet the defined proficiency needs of teachers K - 12 utilizing economics and personal finance curriculum.

A. Determined by objective survey of specific needs conducted at least bi-annually.

Actual Results			
1998	1999	2000	2001
Complete study statewide	Action Plan*	Action plan continued	Analyze comp survey rsults
Projected Results			
2002	2003	2004	2005
Verify survey	Review and verify survey	Do random survey update	Verify samples

3. Under the direction of the Council Executive Director, and ICEE Program Director, Center Directors design training programs, workshops, and seminars to introduce new programs, curriculum materials and/or technology to enhance the teaching of economics while correlating to standards.

A. As determined by item 2 above, the Idaho Council director and program director utilize the new publications release program, materials and technology from the National Council on Economic Education and other sources.

Actual Results			
1998	1999	2000	2001
Expand to 20	Maintain 20***	Expand to 22	Maintain 22***
Projected Results			
2002	2003	2004	2005
Expand to 25	Maintain 25	Maintain 25	Expand to 30

B. Beginning in the 2002-03 school year, utilize the graduating economics fellows as an integral part of council outreach programs.

Actual Results			
1998	1999	2000	2001
Projected Results			
2002	2003	2004	2005

Educ - Special Programs

Idaho Council on Economic Education

Program Results and Effect:

The Council and affiliated Centers for Economic Education at Boise State University, University of Idaho, College of Southern Idaho and Idaho State University share a common mission to provide on-going content and pedagogical training, curriculum, classroom materials and other appropriate support to teachers in Idaho schools. All ICEE materials and programs are correlated to current K-12 standards in Economics and Personal Finance as adopted by the Department of Education. All curriculum and materials are designed for use within the social studies strand as well as meet the course requirements for graduation.

The ultimate effect of the program is to advance economic literacy utilizing active learning by engaged students, enhanced content knowledge and critical thinking skills leading to improved workforce preparation, knowledgeable consumers, prudent savers and investors and effective participants in a global economy.

For more information contact Jack Rucker at 426-1360.